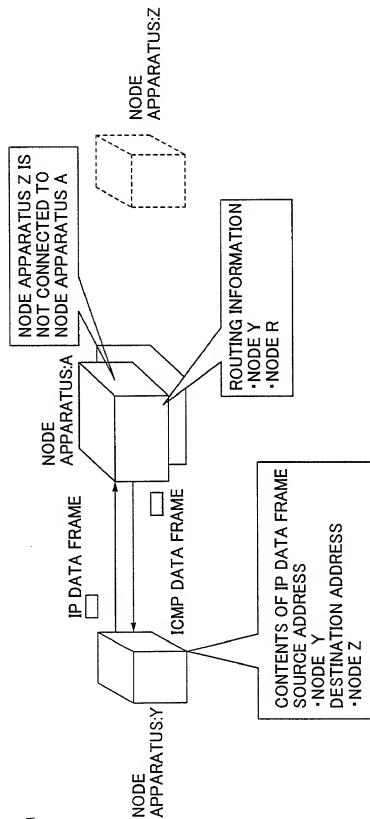


FIG.1 PRIOR ART



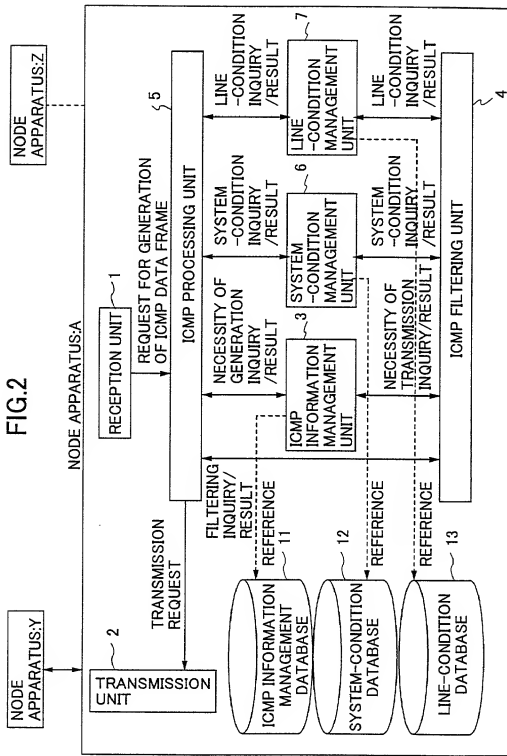


FIG.3

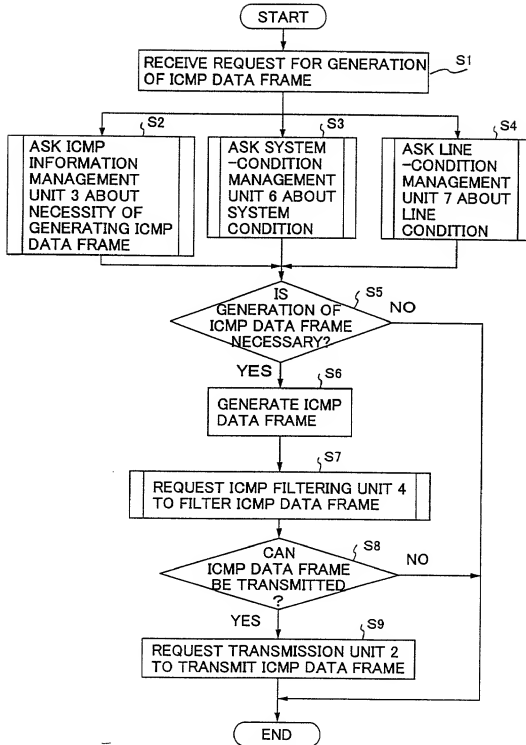


FIG.4

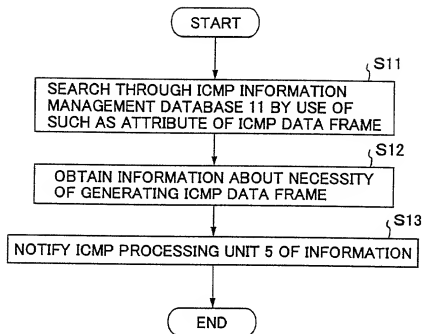


FIG.5

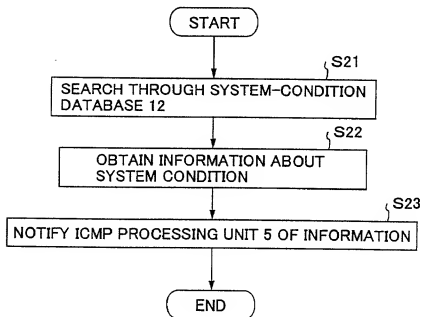


FIG.6

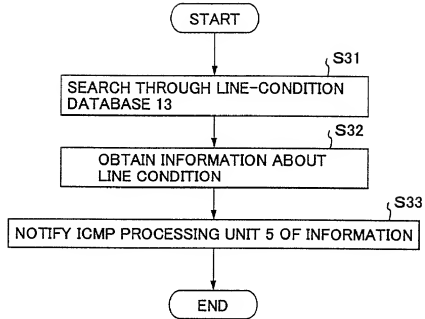


FIG.7

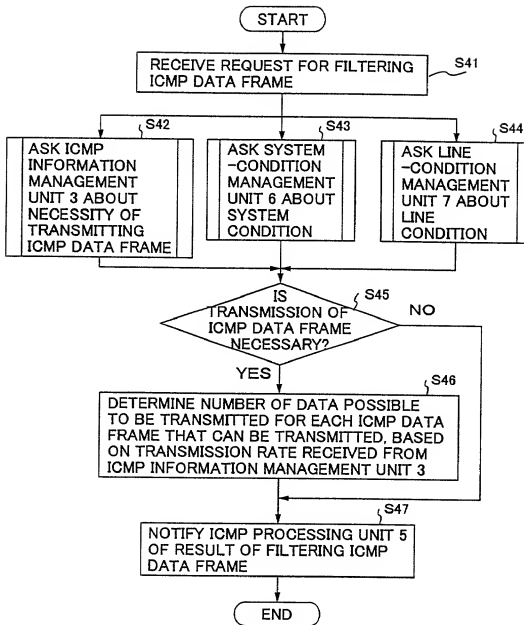


FIG.8

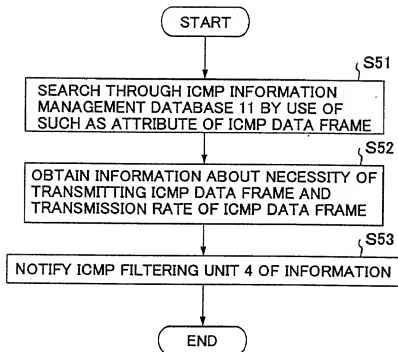


FIG. 9

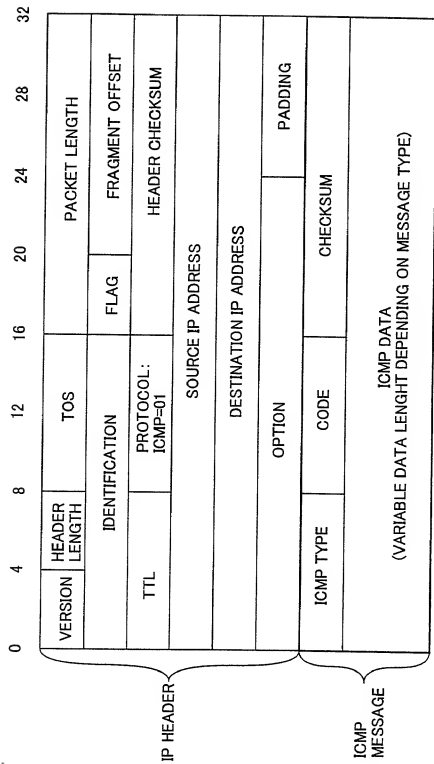


FIG.10

TYPE OF ICMP DATA FRAME (HEXADECIMAL NUMBER)	CONTENTS OF TYPE	CODE OF ICMP DATA FRAME (HEXADECIMAL NUMBER)	CONTENTS OF CODE	NECESSITY OF GENERATING ICMP DATA FRAME	NECESSITY OF TRANSMITTING ICMP DATA FRAME	TRANS -MISSION RATE OF ICMP DATA FRAME
03	UNABLE TO REACH DESTINATION	00	UNABLE TO REACH NETWORK	YES	YES	10%
		01	UNABLE TO REACH HOST	YES	YES	50%
		02	UNABLE TO REACH PROTOCOL	YES	YES	50%
		03	UNABLE TO REACH PORT	YES	YES	60%
		.	.			
04	RESTRAIN TRANSMISSION	—	RESTRAIN TRANSMISSION	NO	NO	0%
05	CHANGE ROUTE	00	CHANGE NETWORK ROUTE	YES	YES	20%
		01	CHANGE HOST ROUTE	YES	YES	30%
		02	CHANGE TOS AND NETWORK	YES	YES	9%
		03	CHANGE TOS AND HOST	YES	YES	90%
.						
08	REQUEST FOR ECHO		REQUEST FOR ECHO			0%

FIG.11

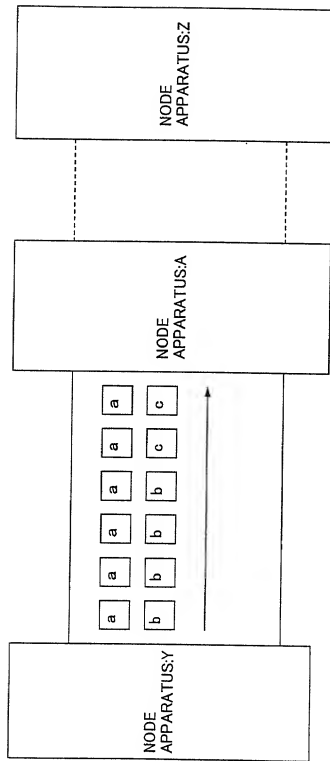


FIG.12

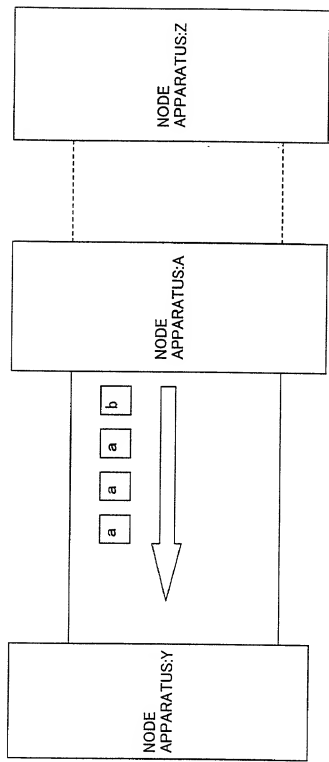


FIG.13

